# Dell Command | Update
# Version 2.1 User's Guide

# Notes, cautions, and warnings

NOTE: A NOTE indicates important information that helps you make better use of your computer.

**CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.**

**WARNING: A WARNING indicates a potential for property damage, personal injury, or death.**

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# About This Document

You can use Dell Command | Update to update the Dell system with the latest drivers, BIOS, firmware, and Dell software applications.

In addition to this guide, there are other product guides you should have for reference. You can find the following guide on the Dell Support website at **dell.com/support/manuals**

- *Hardware Owner's Manual* provides information about the system, installing system components, and troubleshooting the system.

## What's New

Dell Command | Update provides the following features in this release.

- Support for Windows 10 operating system
- Support for providing feedback on Dell Command | Update
- Notification if BitLocker is enabled on your system

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# Setup

This section contains information on prerequisites and requirements needed to use Dell Command | Update. It also provides an overview of the tool, and lists installation and uninstallation steps.

## Overview

Dell Command | Update is an easy-to-use Graphical User Interface (GUI) and Command Line Interface (CLI) tool that you can use to update Dell client systems with the latest drivers, BIOS, and firmware. It is a one-to-one standalone utility.

The advantages of using Dell Command | Update are:

- Simplifies system management and the update process for Dell client systems.
- The tool's easy-to-use CLI can be used for automating driver installation and updates.
- Provides an easy-to-use GUI, which helps in identifying and applying appropriate drivers and updates for the system.

**NOTE:** To run Dell Command | Update, .NET 4.0 or a later version is required.

## Installing Dell Command | Update

Before you proceed, ensure that you are logged in with administrator privileges on the client system on which you want to install Dell Command | Update.

To download Dell Command | Update:

1. Go to **dell.com/support**.
2. Search for **Dell Command | Update 2.1**.
3. Download **Systems-Management_Application_K82GG_WN32_2.1.0_A00.exe**.

To install Dell Command | Update:

1. Double-click Systems-Management_Application_K82GG_WN32_2.1.0_A00.exe.
2. Click **Install**
3. On the **Welcome** screen, click **Next**
4. On the **License Agreement** screen, select **I accept the terms in the license agreement**, and then click **Next**.
5. On the **Begin Install** screen, click **Install**
6. On the **Installation Complete** screen, click **Finish**.

7. Click **OK**.

# Uninstalling Dell Command | Update

For information on uninstalling programs, see the operating system documentation.

# Upgrading Dell Command | Update

You can upgrade Dell Command | Update (formerly Dell Client System Update) 2.1 from Dell Client System Update 2.0 or 1.*x* using the following methods.

1. Self-update: Use the **Check** feature on the **Welcome** screen to check for updates. For more information, see Checking and Installing Updates.
2. Manual update: Download and install Dell Command | Update 2.1 from **dell.com/support** and installing it.

If any newer versions of Dell Command | Update are available, then the latest version of Dell Command | Update is listed under **Recommended updates**. Select the update and install the newer version of the application.

In case of minor upgrades, all the preference settings and polices are retained. In case of major upgrades, the application is uninstalled and the settings and data are removed.

# Silent Installation

You can perform a silent installation of Dell Command | Update by using the following methods:

- For silent installation using the installation command line, use the command — **DCU_Setup_2_1_0.exe /s /v"/qn"**.
- For silent installation using Dell Update Packages (DUPs), use the executable file — **Sys-Man_Application_xxxxx_WN_y.y.y_A00.exe /s**, where 'x' is the software build and 'y' is the version number.

# Activity Log

The activity log feature helps you view the updates installed on the system and track any failures or issues. The activity log generated in Dell Command | Update is classified as follows:

- Normal — Normal messages are created in the log file when the Normal mode setting in Dell Command | Update is enabled. These messages provide high-level details about the updates.
- Debug — Debug messages are created in the log file when the Debug mode setting in Dell Command | Update is enabled. These messages provide detailed information about the updates or errors.

The **ActivityLog.xml**, is stored as an XML formatted text file at the following locations on the system:

- For systems with Microsoft Windows Vista and later operating systems — C:\ProgramData\Dell \CommandUpdate

The root element of the log contains the name of the product and the version installed on the system. The child elements under the root element are listed as follows:

| Element Name | Description |
|---|---|
| <level> | Activity log level. |
| <timestamp> | Timestamp when the log was created. |
| <source> | Application operations. |
| <message> | Detailed information for the log entry. |
| <data> | Indicates additional information for the log entry. |

NOTE: The format and content of the above elements are based on the operating system and can be modified by the user.

## Viewing And Exporting The Activity Log

Perform the following steps to view and export the activity log:

1. On the **Welcome** screen, click **Activity Log**.

   The **Activity Log** screen is displayed.

   By default, the list of activities performed during the last 7 days, 15 days, 30 days, 90 days, or the last year, is displayed. You can configure the period from the drop-down list.
2. From the drop-down list, select the number of days for which you want to view the update activities that Dell Command | Update has performed on the system. For example, if you select **Last 15 Days**, you can view the update activities that Dell Command | Update has performed during the last 15 days.
3. NOTE: You cannot undo this action.

   (Optional) Click **Clear** to clear the log.
4. (Optional) Click to view more information about the message log entry, such as application error messages. This information is also available in the exported log file.
5. (Optional) Click **Caution** next to error or failure log entries to view information on how to avoid any potential damage or problem.
6. NOTE: The **inventory.xml** file is updated from **dell.com/support** if a newer version is available.

   (Optional) Click **Export** to export the activity log in XML format into a zip file. The **inventory.xml** file is also included in the zip file.
7. To reorder or sort the columns according to the date or message type, click next to **Date** or **Message**.
8. Click **Save** to save changes, or click **Cancel** to revert to the last saved settings.
9. Click **Close** to go back to the **Welcome** screen.

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# Getting Started With Dell Command | Update

When the Dell Command | Update launches for the first time, either manually or automatically, the Dell Command | Update – Setup screen displays the following setup options to discover, review, and install the updates:

**Table 1. Setup Options**

| Option | Description |
|---|---|
| **Yes, run automatically with the default settings (Recommended)** | Automatically checks for updates on a regular basis using the default settings. To view the list of default settings, click the **Settings** icon and view the default settings under **Automatically check for updates** in the **Schedule** tab. |
| **Yes, run automatically, but allow me to review/ edit my settings now** | Automatically checks for updates on a regular basis. Based on your requirements, you can change the default settings. When you select this option, the **Settings** screen is displayed. In the **Schedule** tab, you can configure the automatically check for updates option. |
| **No, I do not wish Dell Command \| Update to check for updates automatically at this time** | Dell Command \| Update does not automatically check for updates. |

If you have just received your system from the Dell factory, Dell Command | Update auto-launches after the system boots the fourth time and scans for any available updates. In this case, the Welcome screen will not offer Check for Updates functionality, but will instead display a list of available updates and allow you install them.

NOTE: Dell Command | Update auto-launches only if,

- Dell Command | Update is factory installed
- Dell Command | Update is not launched manually before it launches automatically

The **Dell Command | Update Welcome** screen contains the following:

1. Heading Banner
2. Left Pane
3. Content Area

# Heading Banner

The heading banner contains the name and version number of the product, and icons for various activities.

**Table 2. Heading Banner Icons**

| Icon | Description |
|---|---|
| | Displays help for each screen (located at the top right corner of all screens). |
| | Displays the **Settings** screen. On the **Settings** screen, you can customize the Dell Command \| Update options such as location to store downloaded updates, scheduling the check for updates, and customizing updates. |
|  | Minimizes the application (located at the top right corner of all screens). |
| | Maximizes the application (located at the top right corner of all screens). |
| | Closes the application (located at the top right corner of all screens). |

# Left Pane

The following table lists the options available on the left pane and descriptions of the options.

| Option | Description |
|---|---|
| **System Model** | Displays the image and model of the Dell system. |
| **Service Tag** | Product ID provided by the manufacturer for the system. |
| **Last Check** | Provides information on the last time the system was checked for updates. |
| **Last Update** | Provides information on the last time the system was updated. |
| **Update History** | Displays the **Update History** screen. For more information, see Update History. |
| **System Information** | Displays the **System Information** screen. For more information, see Viewing And Exporting System Details. |
| **Activity Log** | Displays the **Activity Log** screen. For more information, see Activity Log. |

| Option | Description |
| --- | --- |
| **Give us your feedback** | Launches an online survey to provide feedback and satisfaction ratings for Dell Command \| Update. |

# Content Area

From the **Content Area**, you can check for and install updates. For more information, see Checking For And Installing Updates.

## Advanced Driver Restore

Using the **Advanced Driver Restore for Windows Reinstallation** option, you can also install drivers on a new or reconditioned system where the system contains only an operating system, a network adapter along with a compatible network adapter driver, and an installation of Dell Command | Update. For more information, see Downloading And Installing Driver Libraries.

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# Using Dell Command | Update

## Downloading And Installing Driver Libraries

Perform the following steps to download and install a driver library on a Dell system:

1. On the **Welcome** screen, click **click here to download and install a complete driver library**.

   The **Preparing for driver restore** screen is displayed. The driver installation task includes the following:

   - Checking for component updates — checks for available driver libraries.
   - Scanning system devices — scans the system and gathers information on the various devices that are present on the system.
   - Locating system driver library — locates the driver library on the system and checks the versions of the drivers and determines the driver updates available for the system.
   - Starting download — determines the driver updates available for the system and starts downloading them.
   - Extracting drivers — After the updates are downloaded, extracts them for installation on the system.
   - Preparing for installation — Indicates the progress of the digital signature validation and creation of restore points on the operating system.
   - Installing drivers — displays the installation status in the format x of y, where 'x' is the number of drivers being installed and 'y' is the total number of drivers available. Select the **Automatically restart system (when required)** check box to restart the system automatically after the driver are installed.
   - Installation complete — denotes the completion of driver installation in the format x of y successful, where 'x' is the number of drivers installed and 'y' is the number of drivers available.

   Click **Cancel** to exit this activity and return to the **Welcome** screen.
2. After installation of the drivers is complete, click **Close** to return to the **Welcome** screen.

For more information on updating the system drivers to their most current version, see Checking And Installing Updates.

## Checking For And Installing Updates

Perform the following steps to check for and install updates on a Dell system:

1. On the **Welcome** screen, click **Check**.

   The Inventory Collector, a self-contained application, is used to obtain the device hardware information. The Inventory Collector gathers the inventory status of BIOS, firmware, and drivers on the system. The inventory status is provided in XML format. The Inventory Collector copies the

inventory modules to a temporary location on the local drive of the system, ensuring that the inventory status gathering is completed even if the network connection is lost.

a. Dell Command | Update connects to **ftp.dell.com**, or any other source location that you have configured, and checks for updates.
b. Click **Cancel** to return to the previous screen without checking for updates. For more information on changing the source location, see General Settings.

The **checking for updates** task starts and the **Checking for Updates** screen is displayed.

The **checking for updates** task includes the following:

- Checking for component updates
- Scanning for system devices
- Determining available updates

The **Checking for Updates** screen provides the status of the system scan. When updates are found, Dell Command | Update prompts you to install the updates.

If no updates are found, the **No updates available** screen is displayed indicating that the devices on the system are up-to-date. Click **Close** to exit Dell Command | Update.

Based on the availability of updates and preferences you have set, the `No updates available` message is displayed. The `No updates available` message is displayed in the following scenarios:

- When you retain the default **Download Filter** preferences and no updates are available.
- When you select all the available updates for hiding.
  Click **View** to view the updates on the **Customize Selection** screen. Click **Close** to return to the **Selected Updates** screen.

The `No updates are available (Based on the current 'Download Filter' preference settings)` message is displayed when you modify the default **Download Filter** preferences and no updates are available.

If updates are found, the **Selected Updates** screen is displayed. For more information, see Selecting Updates.

2. Click **Customize** to choose the updates you want to install on the system. The **Customize Selection** screen is displayed.
   a. To view updates previously hidden, select **Show hidden updates**.
   b. Click **Close** to return to the previous screen.

   For more information, see Customizing Updates.
3. (Optional) If you want Dell Command | Update to automatically restart the system after installing updates, select **Automatically restart system (when required)**.
4. Click **Install** to install the selected updates on the system.
5. NOTE: If you click **Cancel**, Dell Command | Update does not roll back the updates that are already applied.

   Click **Cancel** during installation to cancel updates and return to the **Welcome** screen.

For installing updates on a new or reconditioned system, see Configuring Advanced Driver Restore Settings.

# Selecting Updates

On the **Welcome** screen, when you click **Check**, the **checking for updates** task is run and if updates are available for the system, then the **Selected Updates** screen is displayed. The update summary is displayed next to the heading in the format — `update type <x of y, z MB>`, where 'x' is the number of updates to be downloaded, 'y' is the total number of updates available, and 'z' is the size of the available updates, in MB. Based on importance, the updates are classified as follows:

- **Critical Updates** — These updates are important for improving the reliability and availability of the system.
- **Recommended Updates** — These updates are recommended for installation on the system.
- **Optional Updates** — These updates are optional updates.

A warning is displayed if an update that you must install requires an interim version of the update. If there are multiple intra-component dependencies for an update, Dell Command | Update installs the latest possible version. However, this may not be the latest version. This task requires more than one update cycle for installing the latest version of the update. For more information, see Dependency Installation.

A warning is displayed if some updates are blocked because the BitLocker is enabled on your system. Click control panel and suspend the BitLocker to proceed with the installation. It is recommended to resume the BitLocker after the updates are installed on your system.

A warning is displayed if some updates cannot be installed unless the power adapter is plugged into the system.

## Customizing Updates

On the **Selected Updates** screen, click **Customize** to view the **Customize Selection** screen. This screen lists the detailed information of all available updates such as name, size, and release date of the component along with other information, which helps you to choose the updates you want to apply to the system. The updates are grouped into the following categories, based on assigned criticality:

- **Critical Updates (x of y, size)**: View the critical updates available for the system. You may also modify the selection of critical updates. The updates contain the following information:
  - Name of the update.
  - Size of the update — Displays the approximate number of bytes that are required to download the update.
  - Date on which the update package was last released.
  - If an intermediate update is required, then a warning message is displayed.
- **Recommended Updates (x of y, size)**: View the recommended updates available for the system. The updates contain the following information:
  - Name of the update.
  - Size of the update — Displays the approximate number of bytes that are required to download the update.

  - Date on which the update package was last released.
  - If an intermediate update is required, then a warning message is displayed.
- **Optional Updates (x of y, size)**: View the optional updates available for the system. The updates contain the following information:
  - Name of the update.
  - Size of the update — Displays the approximate number of bytes that are required to download the update.
  - Date on which the update package was last released.
  - If an intermediate update is required, then a warning message is displayed.

**Table 3. Customize Selection Option**

| User Interface | Description |
|---|---|
| | If this icon appears next to an update, connect a power adapter to the system to apply the update package. This is restricted to BIOS and firmware updates on notebook or tablet systems. |
| | If this icon appears next to an update, suspend the BitLocker from **Control Panel** to apply the update package.<br>NOTE: It is recommended to resume the BitLocker after the updates are installed on your system. |
| | Click the icon to hide the updates. You can hide specific component updates so that the updates you selected to hide are not listed on further system scans. Select **Show hidden updates** check box to make the hidden update visible, and the icon changes to .<br>NOTE: When you hide updates, the **No update available** screen is displayed. Click **View** to view the updates on the **Customize Selection** screen. Click **Close** to return to the **Selected Updates** screen. |
| | Click to view a tool-tip window with some additional details about the update package. |
| | Click to open the **dell.com/support** web page for the update package to view the complete details. |

## Dependency Installation

Dell Command | Update uses update packages to determine the latest updates for a system. An update package contains feature enhancements or changes in BIOS, firmware, drivers, and software. In most cases, the update is self-sufficient and executes the pre-installation and applicable dependencies. If the existing version of the Dell Command | Update on the system is an old version, it may have to be upgraded to a later version before it is updated to the recommended version. You can check for upgrades of the update using Dell Command | Update until the recommended version is installed.

For example, consider that your system has version A01 of BIOS installed and version A05 is available for update. But, to update to A05 you must first update the system to version A03. Dell Command | Update updates the system to version A03 before upgrading it to version A05.

NOTE: If the update you want to install has a dependency, Dell Command | Update notifies you during the update process with an information alert.

# Hidden Updates

The **Hidden Updates** feature allows you to indicate the updates you want to skip and removes them from the list of available updates. You can view the hidden updates on the **Customize Selection** screen by selecting the **Show hidden updates** check box.

NOTE: If the installation of the prior version that is a prerequisite for the available updates is hidden, then the system does not display its subsequent updates. You must unhide and install the prior version in order to install the latest version.

To remove updates of a particular type on running subsequent scans, use the **Update Filter** settings. For more information, see Configuring Update Filter Settings.

## Removing An Update From The List Of Available Updates

Perform the following steps to remove an update from the list of available updates:

1. On the **Customize Selection** screen, click next to the update that you want to hide.
   The update is removed from the list of available updates. It does not appear on the list of available updates on running subsequent system scans.
2. Click **Close** to return to the **Selected Updates** screen.

## Restoring An Update To The List Of Available Updates

Perform the following steps to restore an update to the list of available updates:

1. On the **Customize Selection** screen, click  next to the update you want to add back to the list of available updates.
   The update is restored to the list of available updates.
2. Click **Close** to return to the **Selected Updates** screen.

# Update History

You can view details of the updates installed earlier on the system in the **Update History** screen. The details comprise the name of the component, type of the component, date when it was updated, and the current or latest version of the component available on the system.

Whenever you install the updates, Dell Command | Update creates restore points called Dell Updates within the operating system. Restore points are timestamps which you can use to revert updates to the system's files, installed applications, and Windows registry. You can view the list of restore points in the **System Restore** window.

### System Restore

You can also use the **System Restore** window to revert any batch of updates made to the system.

NOTE: You cannot revert BIOS or firmware updates using the **System Restore** window as these updates are stored in the hardware.

### Viewing Update History

Perform the following steps to view the update history:

1. On the **Welcome** screen, click **Update History**.
   The **Update History** screen is displayed.
   If multiple updates exist, you can modify the length of each column to view the details.
2. Click **Close** to return to the **Welcome** screen.

## Viewing And Exporting System Information

Perform the following steps to view and export system information:

1. On the **Welcome** screen, click **System Information**.
   The **System Information** screen is displayed with details of drivers, BIOS, and application settings of the system.
2. Click **Export** to save the system details in XML format.
3. Click **Close** to go back to the **Welcome** screen.

## Dell Command | Update Command Line Interface Options

The command line interface (CLI) allows administrators to use automated remote deployment infrastructure for updates. The command line interface provides basic options and does not include all features that the GUI version of the application supports.

Dell Command | Update provides a command line version of the application for use with batch and scripting scenarios. The CLI is fully automatic and has no interactive user prompts. The basic runtime options are provided as command line parameters, such as setting a catalog location, importing a new policy file, and changing the default log location.

To run the CLI interface: From the Dell Command | Update installation folder, in command prompt, run `dcu-cli.exe`.

To view additional information about which options are available: From the Dell Command | Update installation folder, in command prompt, run `dcu-cli.exe -?`.

Dell Command | Update CLI provides the return codes after the execution is complete:

- 0 = OK/Success
- 1 = Reboot Required
- 2 = Fatal Error
- 3 = Error
- 4 = Invalid System

When you run `dcu-cli.exe`, if no parameters are provided, the default behavior is to check, download, and install the available updates.

**NOTE:**

- Some updates cannot be installed unless the power adapter is plugged into the system.
- If some updates require a restart in order to complete the installation, system does not restart automatically.

## CLI Reference

The following table lists information on the CLI options available in Dell Command | Update.

The CLI syntax is as follows:

**dcu-cli.exe <option1> [<value1>] <option2> [<value2>]...**

**Table 4. CLI Reference**

| CLI Options | Description | Syntax |
|---|---|---|
| `/?` | Prints the usage of all CLI options<br>**NOTE:** All other options are ignored with `/?`. | `dcu-cli.exe /?` |
| `/catalog` | Sets the repository and catalog file location. The `<value>` is the path for log directory.<br>The `/catalog` parameter does not accept a list of paths and it only accepts a single path.<br>If you want to include multiple paths, for example have a backup location, then you can use the `/policy` option. | `dcu-cli.exe /catalog \ \MyServer \MyRepositoryShare \MyCatalog.xml`<br>For a mapped drive<br>`:dcu-cli.exe /catalog \\Z: \MyRepositoryFolder \MyCatalog.xmlMyServer \MyRepositoryShare \MyCatalog.xml` |
| `/help` | Result is same as `/?` | `dcu-cli.exe /help` |
| `/log` | Sets the log file directory. The `<value>` is the path for log directory. | `dcu-cli.exe /log C:\logs` |
| `/policy` | Specifies a policy file to determine settings for the duration of a single execution. | `dcu-cli.exe /policy C: \temp\MyPolicy.xml` |

| CLI Options | Description | Syntax |
|---|---|---|
| | The <value> is the path for policy.<br>A policy file can include one or more catalog paths for the CLI. | |
| /import | Imports the policy file. The /policy option is required to specify the file.<br>NOTE: You cannot use this in combination with any other option. | dcu-cli.exe /import /policy C:\temp\MyPolicy.xml |
| /reboot | Reboots the system automatically (if required by one or more updates). | dcu-cli.exe /reboot |
| /report | Creates a report in XML format of the available updates only (no update performed). The <value> is the path for report output file. | dcu-cli.exe /report C:\report.xml |
| /silent | Runs the CLI options silently (no status output displayed). | dcu-cli.exe /silent |
| /hidden | Displays the list of current hidden updates.<br>NOTE: You cannot use this in combination with any other option. | dcu-cli.exe /hidden |
| /driverRestore | Enables re-installation of drivers. To use a local CAB file, specify the cab path.<br>NOTE: If the path is not specified, Dell Command \| Update uses the Dell cab file specific to the system configuration. | /driverRestore or /driverRestore <path_to_cab> |

### Example Commands

- To set the repository or catalog file location:
  <c:\\catalog.xml>:dcu-cli.exe /catalog c:\\catalog.xml
- To import a new policy file:
  < c:\log.txt>: dcu-cli.exe /policy c:\log.txt

## Using CLI Switch Combinations

The following table lists the expected behavior when the various switches in Dell Command | Update CLI are combined.

**Table 5. Dell Command | Update CLI Combination Switch Matrix**

| | /reboot | /silent | /log | /catalog | /import | /policy | /report | /hidden | /driverRestore |
|---|---|---|---|---|---|---|---|---|---|
| /reboot | ✗ | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ | ✗ | ✓ |
| /silent | ✓ | ✗ | ✓ | ✓ | ✗ | ✓ | ✓ | ✗ | ✓ |
| /log | ✓ | ✓ | ✗ | ✓ | ✗ | ✓ | ✓ | ✗ | ✓ |
| /catalog | ✓ | ✓ | ✓ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ |
| /import | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ |
| /policy | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✗ | ✗ |
| /report | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✗ | ✗ | ✗ |
| /hidden | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| /driverRestore | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |

✓ — Denotes that the switch combination is supported.

✗ — Denotes that the switch combination is not supported.

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# Dell Command | Update Settings

The **Settings** screen enables you to configure and customize settings for locations to download and store updates, filter options for updates, schedule for downloading updates, internet proxy, export or import settings, and location for downloading driver libraries. It has the following tabs:

- **General** — see Configuring General Settings section for information on configuring or modifying locations to download and store updates, and internet proxy settings.
- **Schedule** — see Scheduling To Check For Updates section for information on configuring the schedule for system updates.
- **Update Filter** — see Configuring Update Filter Settings for information on modifying and saving filter options for scheduled updates.
- **Import/Export** — see Importing Or Exporting Settings for information on importing and exporting settings.
- **Advance Driver Restore** see Configuring Advanced Driver Restore Settings for information on configuring the location for downloading driver libraries.

Click **Restore Defaults** to remove all configuration/customizations and revert to the original default settings.

NOTE: The **Restore Defaults** feature does not revert the updates in the policy file.

## Configuring General Settings

In the **General** tab, you can modify the location to store updates, to download updates, and configure or modify internet proxy settings.
Perform the following steps to configure the general settings:

1. On the heading banner, click **Settings**.

   The **Settings** screen is displayed.
2. NOTE: Dell Command | Update automatically deletes the update files from this location after installing the updates.

   Under **Download File Location**, click **Browse** to set the default location or to change the default location for storing the downloaded updates.
3. Under **Update Source Location**, click **New** to add a location for downloading the updates. For more information, see Updating Source Location.
4. Under **Internet Proxy**, do one of the following:
   - Select **Use current internet proxy setting** to use the current internet proxy settings available on the system.
   - Select **Custom proxy setting** to configure a proxy server and port.
5. If you select **Custom Proxy Settings**, and if you want to use proxy authentication, select the **Use Proxy Authentication** check box and provide user name and password credentials.

NOTE: The user name and password credentials are encrypted and saved.

6. NOTE: If an interactive execution of Dell Command | Update is running, you must close Dell Command | Update for the scheduler to check for updates after the set time. This is because only one instance of the application can be running at a time and the scheduler instance is blocked by the interactive instance.

   Click **Ok** to save changes or click **Cancel** to revert to the last saved settings and return to the **Welcome** screen.

### Updating Source Location

**Update Source Location** displays the list of all configured source locations. The default location is **ftp.dell.com**; however, you can add multiple source locations for Dell Command | Update to attempt access and check for updates.

To add a source location, click **New**, navigate to the file location, and select the catalog.xml file. The selected catalog file is added to the list of source locations. Prioritize these locations by clicking the up and down arrows associated with the source location entry. Click the **Delete** icon to remove the source location path from the list.

NOTE: Dell Command | Update uses the first source location/catalog it successfully loads. Dell Command | Update will not load each source location listed and aggregate the contents together.

## Scheduling To Check For Updates

You can configure Dell Command | Update to automatically check for updates on the system.

Perform the following steps to configure the schedule for checking for updates:

1. On the heading banner, click **Settings**.
2. On the **Settings** screen, click **Schedule**.
3. Under **Automatically check for updates → Check for updates**, select one of the following:
   - **Manual updates only** — Select this option if you want to manually check for updates. In this case, Dell Command | Update does not run scheduled updates and all the other fields on this page are hidden.
   - **Monthly** — Select this option if you want Dell Command | Update to check for updates every month.
   - **Weekly** — Select this option if you want Dell Command | Update to check for updates every week.

   a. NOTE: The options to select the time and day are available only for the **Monthly** and **Weekly** options.

      NOTE: Dell Command | Update checks for updates at random intervals within thirty minutes of the time set in this field.

      NOTE: You must close Dell Command | Update for the scheduler to check for updates after the set time.

      Under **Select the time**, select the time at which you want Dell Command | Update to check for updates.

   b. Under **Select the day**, select the day on which you want Dell Command | Update to check for updates.

For example, if you want Dell Command | Update to check for updates after 10:00 AM on the first day of every month, select **Monthly** under **Check For Updates**, select **10:00 AM** under **Select the time**, and select **1** under **Select the day**.

4. Under **When updates are found**, select one of the following tasks that Dell Command | Update must perform when it finds updates:
   - Notify Only (When updates are available)
   - Download Updates (Notify when ready to install)
   - Download And Install Updates (Notify after complete)
5. If you select **Download and install updates (Notify after complete)**, select the time interval after which you want the system to restart automatically.
6. Click **Ok** to save changes, or click **Cancel** to revert to the last saved settings and return to the **Welcome** screen.

   After you schedule the check for updates activity and if updates are available, the list of updates is displayed in the **Ready for install** screen.

   NOTE: You must exit Dell Command | Update for the scheduled task to run.

# Configuring Update Filter Settings

In the **Update Filter** tab, you can configure the filters for downloading and displaying available updates. Perform the following steps to configure the update filter settings:

1. On the heading banner, click **Settings**.
2. On the **Settings** screen, click **Update Filter**.
3. NOTE: All updates downloaded using the **All Updates For System Model** option may not be applicable to your system.

   Under **What To Download**, select one of the following options:
   - **Updates For This System Configuration (Recommended)** — Select this option to download updates specific to the system's configuration.
   - **All Updates For System Model** — Select this option to download updates for all devices supported by the system model.
4. Under **Customize Updates**, select the update recommendation level, type of update, and its device category.
5. Click **Ok** to save changes or click **Cancel** to revert to the last saved settings and return to the **Welcome** screen.

# Importing Or Exporting Settings

The **Import/Export** tab allows you to save the configuration settings in the form of an XML file. By using an XML file, you can transfer the settings to another system and also import settings from another system. Using these XML files you can create common configuration settings for all the installed instances of Dell Command | Update in the organization.

Perform the following steps to import or export the configuration settings:

1. On the heading banner, click **Settings**.
2. On the **Settings** screen, click **Import/Export**.

3. Click **Export Settings** to save the Dell Command | Update settings on the system in XML format. You can then use this XML file to export the settings to another system.
4. Click **Import Settings** to import the Dell Command | Update settings from a previously exported settings XML file.
5. Click **Ok** to save changes or click **Cancel** to revert to the last saved settings and return to the **Welcome** screen.

# Policy File

A **policy file** enables an administrator to lock program settings so that other users cannot change it. When the program settings are specified in a policy file, the associated settings are disabled on the GUI.

## Creating A Policy File

Perform the following steps to create a policy file:

1. Configure Dell Command | Update settings such as schedule, proxy, and filters on a sample system and then export the settings by using **Export Settings**. For more information on exporting settings, see Import/Export Settings.

   You can later import these settings as a `policy.xml` file on a client system you want to configure.
2. Rename the exported setting file to **policy.xml**.
3. Open the **policy.xml** file and review it to ensure that only the attributes you want to lock are included in it.

   You may find it necessary to remove some settings from the exported **policy.xml** file if more settings are being locked than required. Ensure that the file is placed in the installation directory for Dell Command | Update to use it.
4. NOTE: Save the **policy.xml** file in a different location before you use it as Dell Command | Update loads the policy data and deletes the policy file. You can use the saved policy file for modifying the policy settings.

   NOTE: It is mandatory to name the file **policy.xml** and place it into the installation directory for Dell Command | Update to recognize it as a policy file to be imported.

   Place the **policy.xml** file in the Dell Command | Update installation directory and launch the application.

## Sample Policy.xml File Data

```
<?xml version="1.0" encoding="utf-16"?>
<dellcommandupdate version="1.0" doctype="settings">
<setting name="filtercriticality_urgent">True</setting>
<setting name="scheduledexecution">On</setting>
<setting name="scheduleddays">1</setting>
<setting name="scheduledminute">0</setting>
<setting name="filterapplicable">ShowAllForPlatform</setting>
<setting name="scheduledhour">12</setting>
<setting name="scheduledfrequency">Monthly</setting>
<setting name="automationmode">ScanNotify</setting>
</dellcommandupdate>
```

## Adding Settings In A Policy File

Perform the following steps to add the settings in a policy file:

1. Open the saved `policy.xml` file in an XML editor and add a new `<setting>` element with a valid name and value.

   For setting the values, refer to the Settings And Applicable Values table. For example: `<setting name=”scheduledminute”>30</setting>`
2. Save the file as an XML file and place it in the Dell Command | Update installation directory, and then launch the application.

   NOTE: Save the **policy.xml** file in a different location before you use it as Dell Command | Update loads the policy data and deletes the policy file. You can use the saved policy file for modifying the policy settings.

   NOTE: It is mandatory to name the file **policy.xml** and to place it in the installation directory for Dell Command | Update to recognize it as a policy file to be imported.

### Settings And Applicable Values

| Setting | Applicable Value |
|---|---|
| AutomationMode | ScanNotify or ScanDownloadNotify or ScanDownloadApplyNotify or ScanDownloadApplyReboot |
| AutoReboot | True or False |
| AutoRebootSystemWait | 15 or 30 or 60 |
| Catalog | <path to catalog file> |
| DownloadPath | <path to download directory> |
| DriverCabPath | <path to driver cab> |
| FilterApplicable | ShowAllForPlatform or ShowOnlyForSystemConfig |
| FilterCriticality_Optional | True or False |
| FilterCriticality_Recommended | True or False |
| FilterCriticality_Urgent | True or False |
| FilterDeviceCategory_Audio | True or False |
| FilterDeviceCategory_Chipset | True or False |
| FilterDeviceCategory_Input | True or False |
| FilterDeviceCategory_Network | True or False |
| FilterDeviceCategory_Other | True or False |
| FilterDeviceCategory_Storage | True or False |
| FilterDeviceCategory_Video | True or False |
| FilterUpdateType_Application | True or False |

| Setting | Applicable Value |
|---|---|
| FilterUpdateType_Bios | True or False |
| FilterUpdateType_Driver | True or False |
| FilterUpdateType_Firmware | True or False |
| FilterUpdateType_Other | True or False |
| FilterUpdateType_Patch | True or False |
| FilterUpdateType_Utility | True or False |
| HiddenUpdatesList | comma seperated list of updates ReleaseID's |
| IsAdvancedDriverRestoreEnabled | True or False |
| ProxyAuthenticationEnabled | True or False |
| ProxyEnabled | True or False |
| ProxyPassword | Encrypted password created from user entry in the UI |
| ProxyPort | User specified proxy port value |
| ProxyServer | User specified proxy server value |
| ProxyUserName | User specified proxy user name |
| ScheduledDays | 1 to 7 |
| ScheduledExecution | Off or On |
| ScheduledFrequency | Weekly or Monthly |
| ScheduledHour | 1 to 24 |
| ScheduledMinute | 1 to 60 |
| ScheduledRebootWait | 5 or 15 or 60 |

## Removing Settings From A Policy File

Perform the following steps to remove the settings from a policy file:

1. Open the saved `policy.xml` file in an XML editor.
2. Delete the element tag of the setting that has to be removed.
   For example: `<setting name="scheduledminute">30</setting>`
3. Save the file as an XML file, place it in the Dell Command | Update installation directory, and launch the application.

   NOTE: Save the **policy.xml** file in a different location before you use it, Dell Command | Update loads the policy data and deletes the policy file. You can use the saved policy file for modifying the policy settings.

   NOTE: It is mandatory to name the file as **policy.xml** and place it in the installation directory for Dell Command | Update to recognize it as a policy file to be imported.

# Configuring Advanced Driver Restore Settings

In the **Advanced Driver Restore** tab, you can configure the location to download the driver library for a new or reconditioned system.
Perform the following steps to configure the Advanced Driver Restore settings:

1. On the heading banner, click **Settings**.
2. On the **Settings** screen, click **Advanced Driver Restore**.
3. Click **Enable** to enable or disable the **Advanced Driver Restore for Windows Reinstallation** option on the **Welcome** screen.

   By default, the feature is:

   - Enabled when you install Dell Command | Update on your system.
   - Disabled if Dell Command | Update is factory installed.
   - Disabled if you upgrade from Dell Client System Update 1.3 to Dell Command | Update 2.0 or later.

   After the drivers are installed on the system, the feature is disabled.
4. Select one of the following options:
   - **Download driver library from Dell Update/Support site (Recommended)**: To download the driver library from the **dell.com/support**.
   - **Use the specified driver library**: To download the driver library from a local or network location. Click **Browse** to specify the location.
5. Click **Ok** to save changes, or click **Cancel** to revert to the last saved settings and return to the **Welcome** screen.

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# Accessing Documents From Dell Support Site

You can access the required documents in one of the following ways:

- Using the following links:
  - For all Enterprise Systems Management documents — **dell.com/softwaresecuritymanuals**
  - For OpenManage documents — **dell.com/openmanagemanuals**
  - For Remote Enterprise Systems Management documents — **dell.com/esmmanuals**
  - For OpenManage Connections Enterprise Systems Management documents — **dell.com/OMConnectionsEnterpriseSystemsManagement**
  - For Serviceability Tools documents — **dell.com/serviceabilitytools**
  - For Client Systems Management documents — **dell.com/clientsystemsmanagement**
  - For OpenManage Connections Client Systems Management documents — **dell.com/dellclientcommandsuitemanuals**
- From the Dell Support site:
  a. Go to **dell.com/support/home**.
  b. Under **Select a product** section, click **Software & Security**.
  c. In the **Software & Security** group box, click the required link from the following:
     - **Enterprise Systems Management**
     - **Remote Enterprise Systems Management**
     - **Serviceability Tools**
     - **Client Systems Management**
     - **Connections Client Systems Management**
  d. To view a document, click the required product version.
- Using search engines:
  - Type the name and version of the document in the search box.

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# Contacting Dell

NOTE: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Go to **dell.com/support**.
2. Select your support category.
3. Verify your country or region in the **Choose a Country/Region** drop-down list at the bottom of the page.
4. Select the appropriate service or support link based on your need.